AMENDMENTS TO THE CLAIMS

1. (Currently amended) A copolymer composition comprising a compound having the formula:

A—B (I)

wherein A is a thermoplastic block copolymer including a monomer $\overset{(C)_n}{\underset{RZ}{|}}$; B is polyisobutylene including a monomer $-(D)_m$; m and n are each independent integers between 10 and 10^7; R is an oxygen and an element selected from the group consisting of a chalcogen, nitrogen, and phosphorus; and Z is a cation; and RZ is present on over ~~0.7n~~ 70 mol percent of the monomer $\overset{(C)_n}{\underset{RZ}{|}}$ in copolymer A to provide an ion exchange capacity of between 1.78 and 2.04 milliequivalents per gram of said compound.

2. (Original) The copolymer composition of claim 1 wherein A is polystyrene.

3-4 (Canceled)

5. (Previously presented) The copolymer composition of claim 1 wherein R is SO_3.

6. (Previously presented) The copolymer composition of claim 1 wherein Z is a cation compatible with R and selected from the group consisting of H, a lanthanide species, an alkaline earth metal and an alkali metal.

7. (Original) The copolymer composition of claim 6 wherein Z is Cs.

8. (Original) The copolymer composition of claim 1 further comprising a second block A bonded to block B.

9. (Original) The copolymer composition of claim 1 wherein block A is present at levels ranging between 1-99% of the total block copolymer.

10. (Original) The copolymer composition of claim 1 wherein block A is present at levels ranging between 5-90% of the total block copolymer.

11. (Original) The copolymer composition of claim 1 wherein block A is present at levels ranging between 10-70% of the total block copolymer.

12. (Currently amended) A copolymer composition comprising a compound having the formula:

A—B—A' (II)

wherein A is a thermoplastic block copolymer including a monomer $\overset{(C)_q}{\underset{PRZ}{|}}$; B is polyisobutylene including a monomer $-(D)_m$; A' is a thermoplastic block copolymer including a monomer $\overset{(C)_q}{\underset{PRZ}{|}}$; m and n are each independent integers between 10 and 10^7; R is oxygen and an element selected from the group consisting of a chalcogen, nitrogen, and

phosphorus; and Z is a cation; P is a phenyl group, and RZ is present on over ~~0.7(n+q) of P~~ 70 mol percent of the monomer $(C)_n$ PRZ and the monomer $(C)_q$ PRZ to provide an ion exchange capacity of between 1.78 and 2.04 milliequivalents per gram of said compound.

13. (Canceled)

14. (Previously presented) The copolymer composition of claim 12 wherein Z is a cation compatible with R and selected from the group consisting of H, a lanthanide species, an alkaline earth metal and an alkali metal.

15. (Original) The copolymer composition of claim 12 wherein R is SO_3.

16. (Original) The copolymer composition of claim 12 wherein Z is selected from the group consisting of: H, Cs, Zn and Na.

17. (Original) The copolymer composition of claim 12 wherein RZ is SO_3H.

18. (Original) The copolymer composition of claim 12 wherein block A is present at levels ranging between 1-99% of the total block copolymer.

19. (Original) The copolymer composition of claim 12 wherein block A is present at levels ranging between 5-90% of the total block copolymer.

20. (Currently amended) The copolymer composition of claim 12 wherein block A is present at levels ranging between 10-70% of the total block copolymer A and A'.

21-30 (Canceled)